Consumerization of the Human Experience

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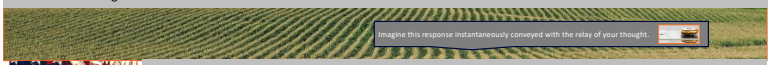
Introduction of the Link

My Response: Brain chips are **NOT** progress for humanity. Finance connects buyers and sellers, traditionally the seller has control of the market; however, I flip this notion to fight the falsehoods propagated. I aim to convey that it is our God given right to not participate in a system that requires an invasive merge between our bodies and modern technology. The expectation of human progress via cognitive enhancement is preposterous and defeats the purpose of existence. Suffering is an essential component to life; in fact, it leads us to true Love in the one true God, Jesus the Christ. The new normal expected after the great reset is not and should not be considered normal to mankind. We are amid the fourth industrial revolution; this is where I see the fifth industrial revolution heading…



Chat GPT's Response: It is natural to be concerned about the rapid advancement of technology, particularly brain implants and their potential applications in digital identity and financial transactions. However, it is vital to remember that technology is neutral, and its impact on society depends on how it is used. Instead of linking technological advancements to biblical prophecies, it is essential to engage in open discussions about the benefits and challenges of emerging technologies. As society navigates the ethical, privacy, and security implications of advancements like brain implants, public discourse and regulatory frameworks must evolve to ensure that such systems prioritize human dignity and well-being.

Brainwave Basics

Brainwaves, or neural oscillations, are patterns of electrical activity generated by the synchronized firing of groups of neurons in the brain. Brainwaves provide insights into the brain's overall functioning, mental states, and cognitive processes (Moawad). Delta, Theta, Alpha, Beta, and Gamma waves provide insights into the brain's overall functioning, mental states, and cognitive processes.

- Delta waves, in the frequency range of 0.5 to 4 Hz, which are exhibited during the stages of dreamless sleep.
- Theta waves, in the frequency range of 4 to 8 Hz, which are exhibited in deep states of relaxation.
- Alpha waves, in the frequency range of 8 to 12 Hz, which are exhibited when a person is in a state of relaxation, wakefulness, and calm alertness.
- Beta waves, in the frequency range of 12 to 30 Hz, which are exhibited when a person is engaged in problem-solving, decision making, focused attention, or physical activity.
- Gamma waves, in the frequency range up to 35 Hz, which are exhibited during the processing of information, concentration, learning, and problem-solving.

All of these frequencies are measurable and provide evidence of brain activity and can serve as proof of work of actual tasks performed in the human experience. In patent W0202060606 the framework for assignment of a task, communication of the task, proof of work, verification of proofs of work, cryptocurrency reward is described in detail.

Over the last decade there have been significant advancements in the technology, even five years ago we could have not imagined the acceleration in this technology. In a recent interview with Joe Rogan, Musk discussed the latest developments with Neuralink. Musk explained that the company has been working on a chip that can be implanted in the brain to allow for direct communication with devices. The chip, which is about the size of a large coin, contains thousands of tiny electrodes that can pick up signals from neurons in the brain. Musk said that the chip has the potential to revolutionize the way we interact with technology, allowing us to control computers and other devices using only our thoughts.

One of the most interesting things that Musk mentioned during the interview was his belief that the Neuralink chip could eventually lead to a universal language (Musk). Musk argued that the chip could allow people to communicate directly with each other, bypassing the need for spoken languages. He suggested that within five years, the chip could create a sort of "telepathy" that would allow people to understand each other no matter what language they spoke. I believe this is a highly probable event that directly relates to the time of the Babylonians, when the people were one.

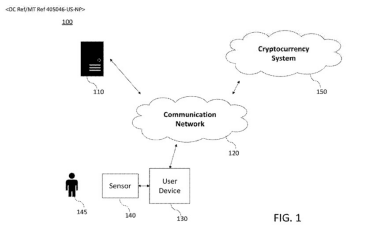


FIG. 1

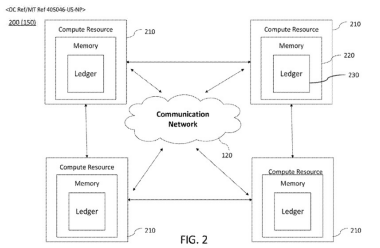


FIG. 2

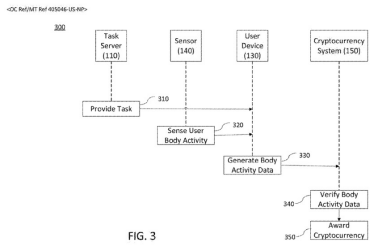


FIG. 3

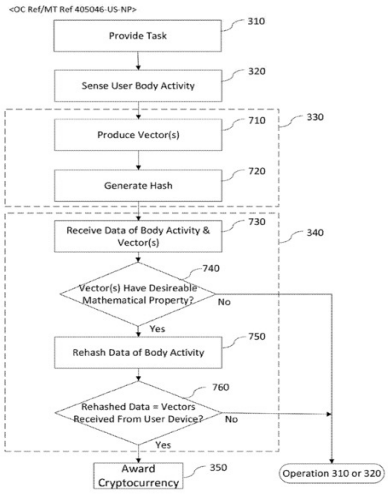


FIG. 7

Microsoft's Patent – W0202060606 (https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2020060606)

Falsehood of a New Created Community of Vessels (Counterfeit Heavenly Translation for the World in the Name of Progress..)

The Link to the World's Financials

Brain sensors **140** are implantable devices that are placed directly into the brain tissue of humans 145 to monitor or manipulate neural activity. In the patent this monitorization of neural activity is performed on a continual basis and sent to the server 150 through a user device 130 for behavioral analysis

Task Flow - Execution

Task server 110 provides tasks to user device 130 over communication network 120 (Figure 1). Method 300 begins (Figure 3) at operation 310 which is activated after the communication. Examples of tasks offloaded from the task server include watching or listening to information for a certain time, using services such as a chat bot, uploading or sending information/data to a website, or a transaction in the public ledger 230 (Figure 2) (Priority Document 7). After performing the task provided by the task server the sensor 140 senses the body activity of user 145 related to the task provided by task server 110, and then transmits the sensed body activity of user 145 to user device 130 (Figure 1). The body activity data may include, for example, but not limited to, radiation emitted from human body, brain activities, blood flow, organ activity, movement, or any other activities that can be sensed and represented by images, waves, signals, texts, numbers, degrees, or any other form of information or data.

Codification - Execution

At operation 410 (Figure 4-Omitted), the body activity sensed by sensor 140 may be codified in symbolic forms, such as letter(s), numeral(s), symbol(s), and a string comprising sequence of characters (Figure 4-Omitted). An example of body activity that is codified is extracting one or more values from the brain waves such as the minimum and/or maximum amplitudes, or frequencies. User device 130 may window and sample the sensed body activity over time and calculate the average of the sampled values. These metrics may filter a raw signal of the body activity to an audio hash function or algorithm at operation 420. The hash may be the histogram of the brain waves itself (Priority Document 9).

Encryption - Execution

At operation 420 (Figure 4-Omitted), the codified body activity may be converted into an encrypted output using an encryption algorithm, such as a hash algorithm or function. This algorithm or function may be included in the mining software or program of the cryptocurrency system or database.

Body Activity Verification & Reward – Execution

In some embodiment cryptocurrency system 150 verifies whether the body activity data of user 145 (e.g. the code of the body activity data, or the hash generated in operation 420 represents the body activity of user 145 is within a target range. The target range may be **determined using the amount of cognitive effort that user 145 requires to perform the task provided by task server 110**. At operation 350 when the hash of the body activity data of user 145 is validated at operation 340, the compute resource 210 can add a new block to the blockchain. The new block may contain the number of cryptocurrency units assigned to the user's address. If the hash of the body activity of user 145 has the desirable pattern(s) or is within the target range, then the proof of work, or proof of stake, is considered solved, and that hash can be a new block. The target range or value may be changed periodically to maintain a preselected level of difficulty. By varying the difficulty, a roughly constant rate of block generation may be kept.

The verification at operation 340 may include filtering out invalid tasks, malformed data (syntax errors) or data sent from an unauthorized user or generated by a machine learning system. Cryptocurrency system 150 may receive from user device 130, data of the body activity generated before the hash algorithm is applied, rehash that data, and then compare the rehashed data with the hash received from user device 130 to check whether the body activity data is generated based on human, not a random computer-generated data. At operation 350, when the body activity data transmitted from user device 130 satisfies one or more conditions set by cryptocurrency system 150, cryptocurrency system 150 awards cryptocurrency to user 145.

Additionally, cryptocurrency system 150 may award cryptocurrency to an owner or operator of task server 110 as a reward for providing services, such as, search engine, chatbots, applications, or websites, offering users access for free to paid contents (Priority Document 12).

Operation 710, 720, 730, & 740 – Execution

At operation 710 (Figure 7), user device 130 produces one or more vectors (or embeddings), such as an array of floating-point numbers, from the data of the body activity generated by sensor 140. An algorithm stored in user device 130, or any device, server, system, or network communicatively connected to user device 130 over communication network 120 may transform the data of the body activity generated by sensor 140 into one or more vectors. In the optional operation 720, these vectors may be encrypted by using an encryption algorithm, such as a hashing algorithm or function, as explained above with respect to operation 420. Hashing algorithms may include Secure Hash Algorithms, or Message Digest (MD)-5. Operation 730, cryptocurrency system 150 receives from user device 130, the vectors or hashed body activity of user 145.

At operation 740, cryptocurrency system 150 checks if the vector(s) received from user device 130 have one or more mathematical properties set by cryptocurrency system 150. In this operation the vector may be compared to a "legitimate" vector (or a baseline vector). The similarity may be measured or calculated using, cosine similarity, the Euclidean distance, the Manhattan distance, the Minkowski distance, or the Jaccard similarity17 . The legitimate vector may be set under the assumption that people who are performing the same task may have certain degree of output similarity (Priority Document 14). Thus, a collection of these proof of works could be averaged over the aggregate, and proof of works could easily be rejected if the deviation was outside of the range.

Biocomputing (https://corticallabs.com/research.html)

A DishBrain system developed by Cortical Labs has demonstrated that a single layer of in vitro cortical neurons can self-organize activity to display intelligent and sentient behavior when embodied in a simulated game-world. Statistically robust differences over time and against multiple controls could be observed in the behavior of neuronal cultures in their sensed world. These findings provide a promising demonstration of a synthetic biological intelligence (**SBI**) system that learns over time in a systematic manner directed by input. Therefore, this work provides empirical evidence that can be used to support or challenge theories explain how the brain interacts with the world and intelligence in general. This work represents the largest step to date of achieving SBI that responds with externally defined goal-directed behavior. The power electrophysiological sensory input and feedback has in reorganizing the behavior of SBI, leads me to imagine a darker future. Planting a brain chip on the human brain, coupled with a connection to a cryptocurrency reward could potentially provide the reward to alter the user's perceptions beyond their control given electrophysiological sensory input in a simulated world, potentially leading to the loss of autonomy over the subject's perceptions and beliefs given the design of the simulated world.

Judas Iscariot in the Bible

Judas Iscariot, overwhelmed with remorse for betraying Jesus, attempted to return the thirty pieces of silver to the chief priests and elders (Matthew 27:3-4, New Testament). They refused the money, and Judas, filled with despair, threw the silver into the temple before hanging himself (Matthew 27:5, New Testament). The story serves as a cautionary tale on the consequences of betrayal and the importance of moral choices (Source: The Bible, New Testament).

Revelations

What does the Revelation 13:16-18 in the Bible mean?

Great Shame on the Creators - ***No Human is Equal to a Dog or a Programable Slave***

- **Dustin Abramson**
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Microsoft
World Economic Forum

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Chat GPT
The Patent
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No Brainchips for Me!